



PATENT  
ATTORNEY DOCKET NO. 046124-5380

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Hironori TAKAHASHI et al. )  
Application No.: 10/533,453 )  
Filed: 05/02/05 )

Title: DEUTERON GENERATING TARGET  
AND DEUTERON GENERATING TARGET  
APPARATUS INCLUDING THE SAME

Commissioner for Patents  
U.S. Patent and Trademark Office  
Alexandria, VA 22314

Sir:

**SUBMISSION OF REVOCATION OF ORIGINAL POWER OF ATTORNEY  
AND GRANT OF NEW POWER OF ATTORNEY**

Enclosed is a copy of the Revocation of Original Power of Attorney and Grant of New Power of Attorney by the Assignee.

If there is any fee due in connection with the filing of this paper, please charge the fee to our Deposit Account No. 50-0573.

Respectfully submitted,

**DRINKER, BIDDLE & REATH LLP**



By:

Peter J. Sistare  
Registration No. 48,183

Dated: March 14, 2006

**CUSTOMER NO. 55694**  
**DRINKER, BIDDLE & REATH LLP**  
1500 K Street, N.W., Suite 1100  
Washington, D.C. 20005-1209  
Tel: (202) 842-8800  
Fax: (202) 842-8465



THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assignee: **HAMAMATSU PHOTONICS K.K.**

Commissioner for Patents  
Washington, D.C. 20231

**REVOCATION AND NEW POWER OF ATTORNEY**

Under 37 CFR §3.73(b), **HAMAMATSU PHOTONICS K.K.**, a Japanese corporation, certifies that it is an assignee of the patent applications and issued patents identified in the following chart by virtue of respective Assignment documents for each listed application and patent from the inventor(s) to **HAMAMATSU PHOTONICS K.K.** submitted to the U.S. Patent and Trademark Office. Assignment recordation and reel/frame number information are also provided.

Filing Date	Attorney Docket No.	Application No.	Patent No. (if applicable)	Issue Date (if applicable)	Recordation Info. Date; Reel/Frame
06/22/00	046124-5029	09/598,990	6,531,821	03/11/03	06/22/00; 010896/0411
07/28/00	046124-5036	09/628,446	6,392,282	05/21/02	07/28/00; 010988/0907
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07/26/04	046124-5262	10/482,779			07/26/04; 016091/0128
02/25/04	046124-5274	10/785,411			10/27/04; 015927/0048
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Filing Date	Attorney Docket No.	Application No.	Patent No. (if applicable)	Issue Date (if applicable)	Recordation Info. Date; Reel/Frame
03/19/04	046124-5282	10/804,194			
03/26/04	046124-5285	10/491,110			10/07/04; 016234/0038
10/13/04	046124-5291	10/492,818			10/13/04; 016022/0991
04/27/04	046124-5293	10/493,845			10/21/04; 016023/0915
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06/25/04	046124-5302	10/500,239			06/25/04; 016130/0392
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04/06/05	046124-5313	10/504,979			04/06/05; 016483/0794
09/03/04	046124-5314	10/506,508			09/03/04; 016542/0085
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Filing Date	Attorney Docket No.	Application No.	Patent No. (if applicable)	Issue Date (if applicable)	Recordation Info. Date; Reel/Frame
11/24/04	046124-5342	10/515,548			11/24/04; 016413/0800
02/23/05	046124-5343	29/223,909			
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12/22/04	046124-5347	11/018,573			
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05/17/05	046124-5383	10/535,206			
05/25/05	046124-5384	10/536,280			

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee.

Assignee : HAMAMATSU PHOTONICS, K.K.

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Acting on behalf of the assignee, the undersigned hereby revokes all powers of attorney previously granted in these applications and patents and appoints:

Customer Number 55694  
DRINKER BIDDLE & REATH LLP  
1500 K Street, N.W., Suite 1100  
Washington, DC 20005

with full power of substitution and revocation, to prosecute the applications and to transact all business in the United States Patent and Trademark Office connected with these patent applications and issued patents.

All correspondence regarding these applications should be sent to JOHN G. SMITH at:

Customer Number 55694  
DRINKER BIDDLE & REATH LLP  
1500 K Street, N.W., Suite 1100  
Washington, DC 20005

Respectfully submitted,

Date: Feb. 28. 2006

Akira Utsuyama

(Signature) Akira UTSUYAMA

Title: Group Manager  
Technology & Information  
Management Division  
Patent Group

HAMAMATSU PHOTONICS K.K.